ANNAMACHARYA UNIVERSITY

(Estd A.P. Private Universities (Establishment and Regulation) Act, 2016)

RAJAMPET-516126, YSR Kadapa District, A.P, INDIA

ACADEMIC REGULATIONS (AU26), COURSE STRUCTURE AND SYLLABI

For the students admitted to

M. Pharm., Regular Two-Year Postgraduate Degree Programme from the Academic Year 2026-27

VISION AND MISSION OF THE UNIVERSITY

VISION

To be a globally recognized university by providing value-based education and promoting innovation and research for societal betterment

MISSION

The mission of the University is:

1. To embody ‘Vidwan Sarvatra Pujyathe’.
2. To deliver high-quality education by encouraging research, innovation, and critical thinking
3. To nurture upright individuals by fostering an inclusive environment and inspiring service to society

ACADEMIC RULES AND REGULATIONS OF TWO-YEAR M. PHARMACY REGULAR DEGREE PROGRAMME APPLICABLE FOR THE STUDENT BATCHES ADMITTED FROM THE ACADEMIC YEAR 2026-27

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1. PREAMBLE

Annamacharya University, is a private University, established under the brownfield category as per the Andhra Pradesh Private Universities (Establishment and Regulation) Act of 2016 (Act No. 3 of 2016), subsequently amended by Act No. 2 of 2024, as published in the Extraordinary Gazette of Andhra Pradesh via gazette notification G.O.Ms. No. 13 dated 13.03.2024. The University Grants Commission (UGC) has included it in the list of UGC-listed Universities vide letter no. F.8-22/2024 (CPP-I/PU)-148904, dated 03.04.2025..

Annamacharya University, Rajampet, relentlessly aims to achieve academic excellence by implementing new initiatives in teaching-learning and evaluation processes. Based on the directions of the University Grants Commission (UGC), New Delhi, Pharmacy Council of India (PCI), New Delhi, Department of Higher Education, Government of Andhra Pradesh, and Andhra Pradesh State Council of Higher Education (APSCHE), the university has adopted the PCI model curriculum with minor modifications to match the needs, expectations, and skill sets of students in the state, in both the undergraduate and postgraduate programs offered from the academic year 2026-27.

Objectives:

The objectives of offering the M. Pharmacy program are:

1. To empower students to focus on conceptual and empirical Pharmacy knowledge.
2. To encourage a multidisciplinary perspective.
3. To encourage depth and breadth in understanding complex issues.
4. To provide broad interdisciplinary training with a well-sequenced curriculum over a sufficient length of time, giving students adequate preparation in their chosen field, either for higher studies or professional career.

Academic Council:

The academic council in a private university plays a pivotal role in maintaining and enhancing the academic standards and quality of education. The academic council coordinates and exercises general supervision over the academic policies of the university.

The Department Board of Studies (BoS):

The College of Pharmacy will have a Board of Studies common to the UG, PG, and Doctoral programs. The Dean/Principal will serve as the Chairman of the Department Board of Studies. The Board of Studies has been constituted as per the guidelines of the university statutes. The rules, regulations, curriculum, syllabus, and other academic matters shall be approved by the Board of Studies before being placed in the Academic Council and subsequently the Board of Management.

Office of the Dean, Academics:

The office of the Dean, Academics, is responsible for the implementation of the decisions taken on academic matters by the Academic Council. The office:

- Receives, processes, and maintains all records relating to the programs, including curricula, courses offered, academic calendar, registration, assessments, and grades.
- Disseminates information pertaining to all academic matters, issues necessary memoranda/orders, and acts as a channel of communication between the students, instructors, and departments.
- Provides information about various academic programs, rules, and regulations to students.

2. REGULATIONS COMMENCEMENT

- The regulations are quite comprehensive and include definitions of key terms, semester system, credit system, grading system, and other relevant details.
- The regulations detailed herein shall apply to all the regular under-graduate programmes offered by the University.
- The regulations shall be applicable and come into force to the student batches admitted from the academic year 2026-27.
- The University may revise, amend or change the regulations, scheme of examinations and syllabi, from time to time, if found necessary and on approval by the Academic Council of the University, keeping the recommendations of the Board of Studies (BoS) in view.
- Any or all such amendments shall be effective from such date and to such batches of students including those already undergoing the programme, as may be approved through

Academic Council of the University.

- These regulations shall be called AU26 Regulations of Master of Pharmacy.

3. ELIGIBILITY FOR ADMISSION

3.1 Admission into Pharmacy Post Graduation Programmes (Regular)

A Pass in the following examinations

a) B. Pharm Degree examination of an Indian university established by law in India from an institution approved by Pharmacy Council of India and has scored not less than 50% of the maximum marks (aggregate of 4 years of B.Pharm.)

b) Every student, selected for admission to post graduate pharmacy program in any PCI approved institution should have obtained registration with the State Pharmacy Council or should obtain the same from the date of his/her admission, failing which the admission of the candidate shall be cancelled.

Note: It is mandatory to submit a migration certificate obtained from the respective university where the candidate had passed his/her qualifying degree (B.Pharm.)

The eligibility criteria for admission into pharmacy postgraduate programmes offered at Annamacharya University shall be as prescribed by Statutes and Ordinances of the University, Pharmacy Council of India and Higher Education Department, the Government of Andhra Pradesh. The criteria are given below:

- The candidate shall be an Indian National / NRI.
- The candidate should have completed 20 years of age as on 31st December of the academic year for which the admissions are being conducted.
- The candidate should have passed the qualifying examination (B. Pharmacy) as on the date of admission recognized by PCI.
- Seats in each programme in the University are classified into two categories i.e., Brownfield and Greenfield. Further under brownfield category seats are filled through two categories, i.e., Category – A and Category – B as per the GOs of Andhra Pradesh.

BROWNFIELD CATEGORY:

The existing institution is converted into a brownfield university. The admission of students into the existing approved intake will be regulated by the admission rules and seat-sharing policies

applicable to the University, as defined under Section 2(4-A) of the Andhra Pradesh Private Universities (Establishment and Regulation) Act, 2016. This means that 70% of the seats in the existing courses at the university will be filled through GATE examination / the convener of PGECET.

In this category, the seats are filled through Convener quota / Category – A and Management Quota / Category - B.

- **Category – A Seats (70% of seats)**

  These seats shall be filled through counselling as per the rank secured by a candidate in the GPAT examination conducted across India / Common Entrance Test (PGECET) conducted by the Government of Andhra Pradesh and as per other admission criteria laid down in the GOs.

- **Category – B Seats (30% of seats):**

  These seats shall be filled by the University through AUET and the GOs issued by the Government of Andhra Pradesh from time to time. Annamacharya University Entrance Test (AUET) is conducted across India for those seeking admission to Pharmacy programmes offered by Annamacharya University. The eligibility criteria for appearing for AUET, the format, and other details will be specified in the application form and will be determined by the Office of the Director, Admission, and Annamacharya University for the respective year of admissions.

GREENFIELD CATEGORY:

Furthermore, the admission rules for the Brownfield University regarding any additional intake, new courses, or additional courses approved after conversion shall follow the regulations applicable to a greenfield university.

The Government shall reserve 35% of seats in pharmacy for the Government Quota and admit students in accordance with the rules prescribed for any additional intake in existing programs, as per the Andhra Pradesh Private Universities (Establishment and Regulation) Act, 2016.

- **Category – A Seats (35% of seats)**

  These seats shall be filled through counseling as per the rank secured by a candidate in the GPAT examination conducted across India / Common Entrance Test (PGECET) conducted by

the Government of Andhra Pradesh and as per other admission criteria laid down in the GOs.

- **Category – B Seats (65% of seats):**

  These seats shall be filled by the University through AUET and the GOs issued by the Government of Andhra Pradesh from time to time. Annamacharya University Entrance Test (AUET) is conducted across India for those seeking admission to Pharmacy programmes offered by Annamacharya University.

  The eligibility criteria for appearing for AUET, the format, and other details will be specified in the application form and will be determined by the Office of the Director, Admission, and Annamacharya University for the respective year of admissions.

3.2 Authority for Admission:

Any matter related to admission to the M.Pharm. programme, the decision of the Office of the Director, Admissions is final.

3.3 Revoking / Cancellation of Admission:

All students admitted provisionally to any program must submit copies of their original mark sheets, provisional certificates, and any other documents required by the Director of Admissions by the last date specified in the Academic Calendar of Annamacharya University.

The Registrar, based on the recommendation of the Director of Admissions, may cancel the admission of any student who fails to submit the prescribed documents by the specified date or does not meet other stipulated requirements.

Additionally, the Registrar may cancel the admission later if it is discovered that the student provided false information, suppressed information, misrepresented facts, or forged documents while seeking admission or thereafter, and report the matter to the Vice Chancellor.

4. MEDIUM OF INSTRUCTION

The medium of instruction shall be **English** for all the courses including their content delivery and examinations, seminars, presentations, and project evaluation as prescribed in the programme curriculum.

5. M.PHARM. PROGRAMME STRUCTURE

Annamacharya University offers Two Years (Four Semesters) full-time Master of Pharmacy (M.Pharm.) Post Graduate Degree programme, under Choice Based Credit System (CBCS) with different specializations as defined by the UGC and the curriculum / course structure as suggested by the UGC and APSCHE in its Model Curriculum. The regulations framed are subject to modifications from time to time by the authorities of the university.

Programme Pattern:

The M. Pharm. Programmes follow **semester scheme** pattern.

- The duration of a M. Pharm. Programme shall be of 2 Academic Years.
- Each academic year shall have 2 semesters i.e., odd and even semesters and shall be counted as I Semester, II Semester, III Semester and IV semester.
- Each semester shall consist of at least 100 working days.
- Each semester shall have Continuous Internal Evaluation (CIE) and Semester End Examination (SEE) for both Theory and Lab courses.
- The student shall not take more than four academic years to fulfill all the academic requirements for the award of M.Pharm. degree from the date of commencement of first semester, failing which the student shall forfeit the seat in M.Pharm. programme.
- University shall take measures to implement Virtual Labs (https://www.vlab.co.in) which provide remote access to labs in various disciplines of Pharmacy and will help student in learning basic and advanced concept through remote experimentation. Student shall be made to work on virtual lab experiments during the regular labs.
- A faculty advisor/mentor shall be assigned to each specialization to advise students on the programme, its course structure and curriculum, choice of courses, based on his competence, progress, pre-requisites and interest.

6. PROGRAMMES OFFERED BY THE UNIVERSITY

The following M. Pharm. programmes are offered as specializations by the University from the 2026-27.

Table No. 1: List of M. Pharm. programmes are offered by Annamacharya University

S. No	Name of the Program	Programme Code
1	Pharmaceutics	MPH
2	Pharmaceutical Chemistry	MPC
3	Pharmaceutical Quality Assurance	MQA
4	Pharmacology	MPL

7. COURSES AND CREDIT STRUCTURE

Choice Based Credit System (CBCS): CBCS provides choice for students to select from the prescribed courses.

7.1. Credit assignment

7.1.1. Theory and Laboratory courses

A credit is a unit by which the course work is measured. A credit for a course is dependent on the number of hours of instruction per week in that course. It determines the number of hours of instructions required per week.

1 Hr. Theory (T) per week 1 credit

1 Hr. Laboratory(L) per week 0.5 credit

Accordingly, the following credit calculation shall be adopted:

1. Theory Courses: One contact hour per week shall carry 1 credit.
2. Laboratory Courses: Two contact hours per week shall carry 1 credit.
3. Seminars, Assignments, and Research Work: These shall be treated as lab-type activities for credit calculation. Accordingly, Credit = Contact Hours × 0.5.
4. Journal Club, Project/Research Work Presentations, and Discussions with the Research Supervisor: These shall be treated as theory-type academic activities. Accordingly, Credit = Contact Hours × 1.0.

The M. Pharm. programme is structured across four semesters, comprising 26 credits in Semester I, 26 credits in Semester II, 21 credits in Semester III, and 20 credits in Semester IV. In addition, students may earn 2 to 7 credits through co-curricular activities. Thus, the total credit requirement for the M. Pharm. programme shall be a minimum of 95 credits and a maximum of 100 credits.

The courses and academic activities of the M. Pharm. programme are broadly classified into Theory and Lab. The total credits prescribed over the four semesters are distributed among Theory Courses, Practical/Laboratory Courses, Seminars, Assignments, Project/Research Work, Discussions with the Research Supervisor, Journal Club, and Co-curricular Activities.

Table No. 2: Semester wise credits distribution

Semester	Credit Points
I	26
II	26
III	21
IV	20
Co-curricular Activities	2 -7
Total Credit Points	95-100

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Credits for Co-curricular Activities:

The credits assigned for co-curricular activities shall be given by the principals of the colleges and the same shall be submitted to the University.

A Student shall earn 02 credits under the head of co-curricular activities, viz., attending Conference, Scientific Presentations and Other Scholarly Activities.

Table No.3: Guidelines for awarding Credits for Co-curricular Activities

Name of the Activity	Maximum Credits / Activity
Participation in National Level Seminar/ Conference / Workshop /Training programs (related to the specialization of the student)	1
Participation in International Level Seminar / Conference / workshop/Training programs held outside India (related to the specialization of the student)	2
Academic Award/Research Award from State Level/National Agencies	1
Academic Award/Research Award from International Agencies	2
Research / Review Publication in National Journals	1
Research / Review Publication in International Journals with Editorial board outside India	2

Table No. 4: Guidelines for the award of credits

Type of Class	Semester	
	Periods per	Credits
Theory (Lecture/Tutorial)	04	04
Lab	06	03
Seminar/ Assignment	07	04
Open electives	04	04
Journal club	01	01
Discussion / Presentation (Proposal Presentation)	02	02
Discussion/Final Presentation	03	03
Project/ Research Work in Semester III	28	14
Project/ Research Work in Semester IV	31	16

7.2. Minimum credit requirements

The minimum credit points required for the award of M. Pharm. however based on the credit points earned by the student under the head of co-curricular activities; a student shall earn a maximum of 100 credit points.

7.3 Types of Courses:

Table No. 5: Types of Courses

Type of courses	Course category	Code	Range of credits			
			MPH	MPC	MQA	MPL
Compulsory courses	Professional Core	PC	32	32	32	32
	Laboratory Courses	L	12	12	12	12
	Seminar	S	8	8	8	8
	Project / Dissertation Work	D	30	30	30	30
	Journal club	J	2	2	2	2
	Proposal Presentation	P	5	5	5	5
	Co-curricular Activities	C	2/7	2/7	2/7	2/7
Elective courses	Open Electives	OE	4	4	4	4
Total credits			95/100	95/100	95/100	95/100

7.3.1 Foundation Courses

It includes subject related to parent discipline

7.3.2 Professional Core Courses

Professional Core Course is to be completed by all students of respective programme before they can move on to the next semester.

7.3.3 Professional Core Electives

University Grants Commission has come up with the Choice Based Credit System (CBCS). In which students have a choice to choose from the prescribed Professional and Open elective courses shall be offered for 4 credits.

Students have to register for Professional Core elective courses from the list of professional elective course as prescribed in the course structure of the programme.

The following points are considered for a Professional Elective Course.

- Maximum strength of a class /section for each semester shall be 15.
- A course may be offered to the students, only if a minimum of 5 students (1/3 of the section strength) opts for it.
- The selection of course based on the choice for students shall be on 'first come first serve' through online and offline registration.
- The Head of the Department or concerned shall decide, whether or not to offer such course keeping in view the resources available in the department offering the course.
- Professional electives may be completed by a student through MOOCs courses offered by NPTEL or any other recognized Institutions/Organization.

7.3.4 Open Electives

Choice Based Credit System is promoted will such a way that Open elective courses should be offered by every department in pharmacy to other departments. This interdisciplinary of learning open electives will have learning awareness and job-oriented benefits. Students will have the opportunity to choose any prescribed open elective courses and apply their knowledge to acquire jobs in that field of course. Every student shall earn prescribed credits by choosing one of the open elective courses from the list of open electives given in the curriculum. Students shall consult the mentors before opting for open elective courses.

The following points are considered for an Open Elective Course.

- Maximum strength of a class /section for each semester shall be 15.
- A course may be offered to the students, only if a minimum of 5 students (1/3 of the section strength) opts for it.
- The selection of course based on the choice for students shall be on 'first come first serve' through online and offline registration.
- The Head of the department or concerned shall decide, whether or not to offer such course keeping in view the resources available in the department offering the course.
- Professional electives may be completed by a student through MOOCs courses offered by NPTEL or any other recognized Institutions/Organization.

7.3.5 Massive Open Online Courses as Open Elective

- MOOCs (Massive Open Online Courses) are introduced to meet with the global requirements and to inculcate the habit of self-learning and in compliance with the UGC guidelines.
- A student shall be permitted to pursue electives courses under MOOCs during programme. Each of courses must be of minimum 12 weeks in duration.
- Concerned departments shall declare the list of courses that a student can pursue through MOOCs at the beginning of the corresponding semester.
- Students interested in pursuing MOOCs shall register for the course and submit this information at their department office at the start of the corresponding semester.
- Course content for the selected MOOCs shall be drawn from the respective MOOCs offering Portal.
- Course progress shall be monitored by the Mentors designated by the Dean / HoD.
- Grade obtained through the evaluation of the MOOC shall be considered for the CGPA calculation.
- Three credits shall be awarded to the student upon successful completion of MOOC.
- In case a student fails to complete the MOOCs he/she shall re-register for the same with the same provider, already offered that course. In case that provider discontinues offering the course, University shall conduct an offline examination in the same format, which

student already appeared in online examination, as per the MOOCs syllabus.

8. Evaluation Process

The performance of a student in each semester shall be evaluated course-wise with a maximum of 100 marks for Theory and 75 marks for Lab Course.

- For a Theory course, the distribution shall be 25 marks for Internal Evaluation and 75 marks for External Evaluation. The distribution is detailed in 8.1.1 & 8.2.1.
- For a Lab course, the distribution shall be 25 marks for Internal Evaluation and 50 marks External Evaluations. The distribution is detailed in 8.1.2 & 8.2.2.
- Seminar/Assignment shall be evaluated for 100 marks through internal evaluation.
- Open Electives Courses shall be evaluated for 25 marks for internal evaluation or student pursuing courses under SWAYAM shall acquire the 25 marks obtained in the prescribed assignments.
- Journal Club shall be evaluated for 25 Marks through internal evaluation.
- Discussion/Presentation (Proposal Presentation) evaluated through internal evaluation shall be for 50 marks in Semester III and Discussion/Pre Submission Presentation shall be evaluated for75 marks in Semester IV.
- Project Work shall be evaluated for 750 marks for End Semester Evaluation.

8.1 Internal Evaluation

Two Internal Examinations for both theory and lab shall be conducted for 30 marks each and shall be computed for 15 marks. One Internal Examinations conducted in the middle of the semester and the other immediately after the completion of instruction as per the schedule fixed by the university. Final Internal marks for a total of 30 marks shall be arrived at by considering the average marks secured by the student in both the internal examinations. Any fractional marks obtained after computation shall be rounded up to the next higher mark. Each Internal Examination shall be conducted for duration of 2 hours (120 minutes).

8.1.1 Theory Internal Evaluation

First Theory Internal examination shall be conducted for I & II units of the syllabus and second Theory Internal examination for III, IV & V units.

The internal evaluation based on the Academic activities - 8 marks, student – teacher interactions - 2 marks and the remaining 15 marks to be awarded by conducting an internal theory examination.

The scheme of question paper for theory internal examination is given below. The average marks of two internal exams shall be computed for internal assessment.

The question paper shall consist of Long Answer Questions, with not more than one question from each unit, and students shall answer 1 out of 2 questions. It shall also consist of Short Answer Questions, with not more than three question from each unit, and students shall answer 4 out of 5 questions.

Question paper pattern for theory internal examinations

I. Long Answers (Answer 1 out of 2) - 1X 10 = 10 marks

II. Short Answers (Answer 4 out of 5) - 4X 5 = 20 marks

Total = 30 marks

If the student is absent for any one Internal examination, the final internal marks shall be arrived at by considering 50% weightage to the marks secured by the student in the appeared examination.

Table No. 6: Distribution of Marks/ Scheme for Internal Assessment – Theory

Internal Assessment

Continuous Mode		Internal Examination	Total
Academic Activities	Student – Teacher Interactions	15 Marks	25 Marks
8 Marks	2 Marks		

8.1.2 Lab Internal Evaluation

The internal evaluation based on the Practical Record - 5 marks, Regular Viva voce - 5 marks and the remaining 15 marks to be awarded by conducting an internal laboratory examination. The scheme of question paper for lab internal examinations is given below. The average marks of two internal exams shall be computed for internal assessment.

Question paper pattern for Lab internal examinations shall contain

I.	Synopsis	:	5 marks
II.	Experiments	:	20 marks
III	Viva voce	:	5 marks
	Total	=	30 marks

Table No. 7: Distribution of Marks/ Scheme for Internal Assessment – Lab

Internal Assessment

Continuous Mode		Internal Examination	Total
Practical Record	Regular Viva voce	15 Marks	25 Marks
5 Marks	5 Marks		

8.1.3 Evaluation of Seminar/Assignment

- There shall be a Seminar/Assignment for internal evaluation of 100 marks.
- A student under the supervision of a faculty member shall collect the literature on a topic and critically review the literature and submit it to the department in a report form and shall make an oral presentation before the Project Review Committee (PRC) consisting of Head of the Department, supervisor/mentor and two other faculty members of the department.
- The student has to secure a minimum of 50% of marks, to be declared successful. If he fails to obtain the minimum marks, he/she has to reappear for the same as and when supplementary examinations are conducted.
- The seminar shall be conducted anytime during the semester as per the convenience of the Project Review Committee and students.
- There shall be no external examination for Seminar.

8.1.4 Evaluation of Open Electives Courses

- A student shall pursue Open Electives Courses through off line / online.
- In offline mode of registration, the student shall be awarded 25 marks for internal evaluation as per the prescribed assessment scheme, refer 8.1.1.
- Student pursuing courses under SWAYAM shall acquire the 25 marks obtained in the prescribed assignments shall be considered as part of the Internal Assessment.

8.1.5 Evaluation of Journal Club

- A student must attend weekly One hour for the Journal Club in III & IV Semester discussing the latest research articles related to their Project Work (Topic) and also his/her own publication in Journal/conference etc. if published and also latest articles collected for literature review.
- At the end of the semester, student must present one of the research articles collected related to his/her work proposed and also his/her own publication in Journal/conference etc. if published in front of Project Review Committee (PRC) comprising of Head of the Department as Chairperson, Project Supervisor and one faculty member of the department.
- PRC will evaluate the student performance in Journal Club for 25 Marks through internal evaluation.
- PRC will examine the Problem Definition, Objectives, Scope of Work, Literature Survey, Methodology adopted, Results and discussion and Conclusion and outcome of the Research article collected related to his/her work proposed.

Table No. 8: Evaluation of Journal Club

S. No.	Evaluation Criteria	Maximum Marks
1	Problem Definition, Objectives, Scope of Work	5
2	Literature Survey	5
3	Methodology adopted	5
4	Results and discussion	5
5	Conclusion and outcome	5
	Total	**25**

8.1.6 Evaluation of Discussion / Presentation (Proposal Presentation) and Discussion / Pre Submission Presentation

- Discussion/Presentation (Proposal Presentation) in semester III shall be evaluated for 50 marks through internal evaluation. Evaluation should be done by the PRC for 25 marks and the Supervisor will evaluate it for the other 25 marks.

- Discussion/Pre Submission Presentation in IV semester carry 75 internal marks. Evaluation should be done by the PRC for 50 marks and the Supervisor will evaluate it for the other 25 marks.

8.1.6 Make-up Internal Examination

The student who has missed both the Theory Internal examinations will be permitted to appear for a Make-up Internal examination in the event of his/her producing satisfactory evidence of medical sickness. One Make-up internal test shall be conducted immediately after the internal examination II, in the same semester, covering the total syllabus of Five Units in the respective course.

This Make-up examination will be given a weightage of 50%. Make-up tests shall be conducted outside the working hours and there can be even two such examinations on a day.

Student absent for I Internal examination with valid reasons he/ she should produce a supporting document to the department within a week after completion of last internal examination. And the same student absent for same subject in II Internal examination, he/ she should produce a supporting document to the department immediately in order to giving the provision for makeup examination. Make-up internal examinations are not for improvement of marks in Theory Internal examinations. There shall be no make-up internal examinations for a Lab course.

8.2 End Evaluation

8.2.1 Theory End Evaluation

Semester End examination of theory subjects shall be conducted at the end of semester. There shall be Regular and Supplementary End Examinations. Theory Semester End Examination shall be conducted for 75 marks and the duration of examination is 3 hours.

Each question shall carry 10 marks. There shall be one question from each unit in short answer questions and two questions from each unit in either or type questions.

From Question No 1 (a-e), there shall be 1 short answer question set from each of the five units for 5 marks.

In each of the Question No 2-11, there shall be either/or type questions set from each of the five units for 10 marks each.

Question paper pattern for Semester End Theory Examination (75 Marks) shall be as follows:

• (a-e).	Short Answers (Answer all 5) (One question from each unit)	- 5X 5	=	25 marks
• - 11.	Long Answers (either or) (One either or question from each unit)	- 5X 10	=	50 marks
	Total		=	75 marks

8.2.2 Lab End Evaluation

Semester End examination of lab subjects shall be conducted for 50 marks and the duration of examination is 3 hours. The end examination shall be conducted by the examiners, with a breakup mark of synopsis-10 marks, Experiments-30 marks, Results-10, Viva voce -10 marks.

The scheme of question paper for Lab end examinations is given below.

Question paper pattern for Semester End Lab Examination (50 Marks) shall be as follows:

I.	Synopsis	:	10 marks
II.	Experiments	:	30 marks
III	Viva voce	:	10 marks
	Total	=	50 marks

8.2.3 Evaluation of Open Electives Courses

- In offline mode of registration, the student shall be awarded 75 marks for external evaluation as per the prescribed assessment scheme, refer 8.2.1. A non-university examination is conducted at the college level and evaluated by senior subject expert of the college.
- Student pursuing courses under SWAYAM shall acquire proctor marks shall be considered for external marks.

8.2.4 Supplementary Theory / Lab End Examinations

- Supplementary examination shall be conducted along with regular semester end examinations.
- During Semester End Examinations of even semester, supplementary examinations of odd

semester shall be conducted and during semester end examinations of odd semester, supplementary examinations of even semester shall be conducted.

- The same schedule is applicable to Supplementary Lab End Examinations. Supplementary examination shall be conducted along with the next batch of students or separately.
- Advanced supplementary shall be conducted only for Final Year II semester Students in view of their higher education pursuits and placement opportunities.
- In case of seminars and comprehensive viva-voce examinations, supplementary seminar / comprehensive viva-voce will be conducted along with the next batch of students. If the next batch of students is not available, a separate supplementary examination will be conducted.

9.0 Evaluation of Project/Research Work:

All the students shall undertake a project under the supervision of a teacher in Semester III to IV and submit a report.

The projects shall be evaluated as per the criteria given below.

- The Project/Research Work shall be initiated at the beginning of the III Semester and the duration of the Project is of two semesters. Evaluation of Project work is for 750 marks with 350 marks in Semester III and 400 marks in Semester IV.
- Internal evaluation of the Discussion / Presentation of Research work in Semester III (Proposal Presentation) shall be for 50 marks and in Semester IV (Pre Submission) shall be for 75 marks .
- A Project Review Committee (PRC) shall be constituted with the Head of the Department as Chairperson, Project Supervisor and one faculty member of the department offering the M.Pharm. programme.

9.1 A candidate is permitted to register for the Project/Research Work in III Semester after satisfying the attendance requirement in all the subjects, both theory and laboratory (in I & II semesters).

9.2 A candidate is permitted to submit Project dissertation with the approval of PRC. The candidate has to pass all the theory, practical and other courses before submission of the Thesis.

9.3 Project/Research Work shall be carried out under the supervision of teacher in the parent department concerned.

9.4 A candidate shall be permitted to work on the project in an industry/research organization on the recommendation of the Head of the Department. In such cases, one of the teachers from the department concerned would be the internal guide and an expert from the industry/ research organization concerned shall act as co-supervisor/ external guide. It is mandatory for the candidate to make full disclosure of all data/results on which they wish to base their dissertation. They cannot claim confidentiality simply because it would come into conflict with the Industry's or R&D laboratory's own interests. A certificate from the external supervisor is to be included in the dissertation.

9.5 Continuous assessment of Project/Research Work in III & IV semesters respectively will be monitored by the PRC.

9.6 The candidate shall submit status report by giving seminars in three different phases (two in III semester and one in IV semester) during the project work period. These seminar reports must be approved by the PRC before submission of the Project Thesis.

9.7 After registration, a candidate must present in Project Work Review – I (Proposal Presentation), in consultation with his Project Supervisor, the title, objective and plan of action of his Project work to the PRC for approval within four weeks from the commencement of III Semester. Only after obtaining the approval of the PRC can the student initiate the project work.

9.8 The Project Work Review - II (Project/Research work Presentation) in III semester carries 50 internal marks. PRC shall evaluate it for 25 marks and the Supervisor will evaluate it for the other 25 marks.

9.9 The Project Work Review - II (Project/Research work Presentation) in III semester carries external marks of 350. Evaluation should be done by the PRC for 350 marks. The Supervisor and PRC will examine the Problem Definition, Objectives, Scope of Work, Literature Survey in the same domain and progress of the Project/Research Work.

Research work Evaluation in Semester III

Literature of the work done	:	75 Marks
Methodology adopted	:	100 Marks
Results and Discussions	:	100 Marks
Question and answers	:	75 Marks
Total	:	350 Marks

9.10 A candidate has to secure a minimum of 50% of marks to be declared successful in Project Work Review - II. Only after successful completion of Project Work Review – II, candidate shall be permitted for Project Work Review – III in IV Semester. The unsuccessful students in Project Work Review - II shall reappear for it as and when supplementary examinations are conducted.

9.11 The Project Work Review – III (Discussion and Presentation) in IV semester carries 75 internal marks. Evaluation should be done by the PRC for 50 marks and the Supervisor will evaluate it for the other 25 marks. The PRC will examine the overall progress of the Project Work and decide whether or not eligible for final submission. A candidate has to secure a minimum of 50% of marks to be declared successful in Project Work Review - III. If he fails to obtain the required minimum marks, he has to reappear for Project Work Review - III after a month.

9.12 For the approval of PRC the candidate shall submit the draft copy of dissertation to the Head of the Department and make an oral presentation before the PRC.

9.13 After approval from the PRC, the students are required to submit a report showing that the plagiarism is within 30%. The dissertation report will be accepted only when the plagiarism is within 30%, which shall be submitted along with the dissertation report.

9.14 After successful plagiarism check and 5 copies of the dissertation (typed & bound copy not less than 75 pages) certified by the supervisor and HOD shall be submitted to the College. The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s).

9.15 The dissertation shall be adjudicated by an external examiner selected by the University. For this, the HOD of the College shall submit a panel of three examiners as submitted by the

supervisor concerned and department head for each student. However, the dissertation will be adjudicated by one examiner nominated by the University.

9.16 If the report of the examiner is not satisfactory, the candidate shall revise and resubmit the dissertation, in the time frame as decided by the PRC. If report of the examiner is unfavorable again, the thesis shall be summarily rejected. The candidate has to reregister for the project and complete the project within the stipulated time after taking the approval from the University.

9.17 If the report of the examiner is satisfactory, the Head of the Department shall coordinate and make arrangements for the conduct of Project Viva voce exam.

9.18 The Project Viva voce examinations shall be conducted by a board consisting of the Supervisor, Head of the Department and the external examiner who has adjudicated the dissertation. For Dissertation Evaluation (Viva voce) in IV Sem. there are external marks of 400 and it is evaluated by external examiner. The candidate has to secure a minimum of 50% marks in Viva voce exam.

Scheme of Evaluation in semester IV

Objective(s) of the work done	:	50 Marks
Results and Discussions	:	100 Marks
Presentation of work	:	100 Marks
Communication skills	:	50 Marks
Question and answers	:	100 Marks
Total	:	400 Marks

9.19 If he fails to fulfil the requirements as specified, he will reappear for the Project Viva voce examination only after three months. In the reappeared examination also, if he fails to fulfil the requirements, he will not be eligible for the award of the degree.

10. Credit Transfer Policy:

Adoption of MOOCs is mandatory, to enable Blended model of teaching-learning as also envisaged in the NEP 2020. As per University Grants Commission (Credit Framework for Online Learning Courses through SWAYAM) Regulation, 2016, the University shall allow up to a

maximum of 20% of the total courses being offered in a particular programme i.e., maximum of 19 credits through MOOCs platform.

i) The University shall offer credit mobility for MOOCs and give the equivalent credit weightage to the students for the credits earned through online learning courses.

ii) Student registration for the MOOCs shall be only through the respective departments of the university; it is mandatory for the student to share necessary information with the department.

iii) The credit transfer policy will be applicable to the Professional & Open Elective courses only.

iv) The department concerned shall identify the courses permitted for credit transfer.

v) The respective department shall notify at the beginning of semester the list of the online learning courses eligible for credit transfer.

vi) The respective department shall designate a faculty member as a Mentor for each course to guide the students from registration till completion of the credit course.

vii) The University shall ensure no overlap of MOOC exams with that of the University examination schedule. In case of delay in results, the University will re-issue the marks sheet for such students.

viii) Students pursuing courses under MOOCs shall acquire the required credits only after successful completion of the course and submitting a certificate issued by the competent authority along with the percentage of marks and grades.

ix) The respective department shall submit the following to the examination section of the University:

a) List of students who have passed MOOC courses in the current semester along with the certificate of completion.

b) Undertaking form filled in by the students for credit transfer.

x) The university shall resolve any issues that may arise in the implementation of this policy from time to time and shall review its credit transfer policy in the light of periodic changes brought by UGC, SWAYAM, NPTEL and state government.

Note: Students shall be permitted to register for MOOCs courses offered through online platforms approved by the University from time to time.

11. Attendance Requirements and Detention Policy:

- A student shall maintain a minimum required attendance of 50% in each subject and 75% in AGGREGATE of all the subjects in a semester.
- Shortage of attendance up to 10% i.e., attendance between 65% to 75% in aggregate, may be condoned by the University Academic Committee based on the rules prescribed by the Academic Council of the University from time to time.
- A stipulated fee shall be payable towards condonation of shortage of attendance.
- Shortage of attendance below 65% shall in no case be condoned. A stipulated fee shall be payable towards condonation of shortage of attendance to the University as per following slab system.

  1stSlab: Less than 75% attendance but equal to or greater than 70% a normal condonation fee can be collected from the student.

  2ndSlab: Less than 70% but equal to or greater than 65%, double the condonation fee can be collected from the student.
- Students whose shortage of attendance is not condoned OR who have not paid the stipulated fee OR who have not cleared any other due to the University in any semester are not eligible to write the Semester End Examination (SEE).
- Students, who do not meet the minimum required attendance of 65% in a semester, shall be detained in that semester and their registration for that semester shall stand cancelled. They shall not be promoted to the next semester.
- Students detained in a semester shall seek re-admission into that semester as and when offered.
- Academic regulations applicable to the semester in which re-admission is sought shall be applicable to the re-admitted student.
- In case, there are any professional electives and /or open electives, the same may also be re- registered, if offered. However, if those electives are not offered in the later semesters, then alternate electives may be chosen from the same set of elective courses offered under

that category.

Any student against whom any disciplinary action is pending shall not be permitted to attend Semester End examination (SEE) in that semester.

12. Minimum Academic Requirements:

The following Academic Requirements have to be satisfied in addition to the attendance requirements mentioned in section 11.

- A student shall be deemed to have satisfied the minimum academic requirements and earn the credits for each theory or Lab and open elective courses, if he / she secures a minimum of 40% marks for each theory course in the Semester End Examination (SEE), and a minimum of 50% marks for each theory course considering both CIE and SEE taken together.
- A student shall be deemed to have satisfied the minimum academic requirements and earn the credits for other courses like Seminar/Assignments, Journal Club, Discussion and Presentation; a candidate has to secure a minimum of 50% of marks to be declared successful.
- If a student fails to secure a pass grade in a particular course, it is mandatory that he/she shall register and re-appear for the examination in that course during the next semester when SEE is conducted in that course. It is mandatory that he should continue to register and re-appear for the examination till he secures a pass grade.
- A student shall be given one chance to re-register, after completion of the course work, for each course, provided the Continuous Internal Evaluation (CIE) marks secured by a student are less than 50% and he/she has failed in the SEE. In such a case, a student may re-register for the course(s) with prior permission and secure the minimum required attendance. Attendance in the re-registered course(s) shall be calculated separately to become eligible to write the semester end examination (SEE) in the re-registered course(s).
- Re-registration is allowed only in those cases where the student doesn't have any course(s) yet to pass other than the re-registration course(s) where the CIE marks are less than 50%. However, in the case of re-registration of course(s) by a student, academic regulations applicable at the time of student admission in the programme shall be applicable.

- In the event of re-registration, the internal evaluation marks as well as the Semester End Examinations marks secured in the previous attempt (s) for those subjects stand cancelled.
- For each subject re-registered, the student has to pay a fee equivalent to one third of the semester tuition fee.
- A student shall register and put up minimum academic requirement of all 95 credits and earn all 95 credits for the award of M. Pharm degree.
- Students who fail to earn 95 credits as indicated in the course structure within four academic years from the year of their admission shall forfeit their seat in M. Pharm. course and their admission shall stand cancelled.

13. Grading of performances:

13. Letter grades and grade points allocation:

Based on the performances, each student shall be awarded a final letter grade at the end of the semester for each course. The letter grades and their corresponding grade points are given in the table.

Table No. 9: Structure of Grading of Academic Performance

Percentage of marks obtained	Letter Grade	Grade points	Performance
90.00 -100	O	10	Outstanding
80.00 – 89.99	A	9	Excellent
70.00 – 79.99	B	8	Good
60.00 – 69.99	C	7	Fair
50.00 – 59.99	D	6	Average
Less than 50	F	0	Fail
Absent	Ab	0	Fail

14. Semester Grade Point Average (SGPA):

The Semester Grade Point Average (SGPA) is the ratio of sum of the product of the number of credits with the grade point scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.,

$$SGPA = \frac{\sum(C_i * G_i)}{\sum C_i}$$

Where $\boldsymbol{C_i}$ is the number of credits of the $\boldsymbol{i^{th}}$ subject and $\boldsymbol{G_i}$ is the grade point scored by the student in the $\boldsymbol{i^{th}}$ course

15. Cumulative Grade Point Average (CGPA):

The Cumulative Grade Point Average (CGPA) will be computed in the same manner considering all the courses undergone by a student over all the semesters of a program, i.e.,

$$CGPA = \frac{\sum(C_i * S_i)}{\sum C_i}$$

Where $\boldsymbol{S_i}$ is the SGPA of the $\boldsymbol{i^{th}}$ semester and $\boldsymbol{C_i}$ is the total number of credits up to that semester.

Both SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts. While computing the SGPA the subjects in which the student is awarded Zero grade points will also be included.

15.1 Conversion of SGPA into percentage

In case of a specific query by students/employers regarding Semester Grade Point Average (SGPA)/ Cumulative Grade Point Average (CGPA) into percentage, the following formulae will be adopted for notional conversion of CGPA into percentage.

CGPA to Percentage conversion Formula – CGPA x 10.

16. Declaration of class

After a student has satisfied the requirements prescribed for the completion of the program and is eligible for the award of M Pharm. Degree, he/she shall be placed in one of the following four classes:

Class Awarded	CGPA Secured
First Class with Distinction	≥7.5
First Class	≥6.5 <7.5
Second Class	≥5.5 <6.5

17. Award of Ranks:

Ranks and Medals shall be awarded on the basis of final CGPA. However, candidates who fail in one or more courses during the M. Pharm program shall not be eligible for award of ranks.

Moreover, the candidates should have completed the M. Pharm program in minimum prescribed number of years, (two years) for the award of Ranks.

18. Award of degree:

Candidates who fulfil the requirements mentioned above shall be eligible for award of degree during the ensuing convocation.

19. Duration for completion of the program of study:

The duration for the completion of the program shall be fixed as double the actual duration of the program and the students have to pass within the said period, otherwise they have to get fresh Registration.

20. Transcripts:

After successful completion of the entire programme of study, a transcript containing performance of all academic years will be issued as a final record. Duplicate transcripts will also be issued, if required, after payment of requisite fee. Partial transcript will also be issued up to any point of study to a student on request.

21. Transitory Regulations:

Discontinued, detained, or failed candidates are eligible for re-admission as and when the semester is offered after fulfilment of academic regulations. Candidates who have been detained for want of attendance or not fulfilled academic requirements or who have failed after having undergone the course in earlier regulations or have discontinued and wish to continue the course are eligible for admission into the unfinished semester from the date of commencement of class work with the same or equivalent subjects as and when subjects are offered and they will follow the academic regulations into which they are re-admitted.

22. Challenge Evaluation, Revaluation and Recounting

Students may visit Examination Section Webpage for Norms and Procedures for Challenge Evaluation, Revaluation and Recounting of Answer Scripts. (Refer to Appendix II).

23. Re admission after break of study:

Candidate who seeks re-admission to the program after break of study has to get the approval from the university by paying a condonation fee.

- A student detained in a SEMESTER due to shortage of attendance, may be re-admitted when the same semester in the next academic year for fulfillment of academic requirements.
- Academic regulations applicable to the semester in which re-admission is sought shall be applicable to the re-admitted student.

24. Student transfers:

Student transfers shall be as per the statutes and ordinances of the Annamacharya University and guidelines issued by the Government of Andhra Pradesh from time to time.

25. Announcement of results:

- Results review committee comprising of Vice Chancellor, Registrar, Dean Academics, Chairman of various boards of studies, Controller of Examinations and Deputy Controller of Examinations will monitor the results and gives the permission for announcement of results.
- After review meeting results are loaded into university website from which students can access their results by entering Hall Ticket number. And also results in form of hard copy are available with respective Deans / Heads of the departments.

26. General Instructions:

- The academic regulations should be read as a whole for purpose of any interpretation.
- Malpractices rules-nature and punishments are appended.
- Where the words "he", "him", "his", occur in the regulations, they also include "she", "her", "hers", respectively.
- In the case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice Chancellor / Registrar / Governing body is final.
- Any legal issues are to be resolved in Rajampet Jurisdiction.
- The University may change or amend the academic regulations or syllabi at any time and the changes or amendments shall be made applicable to all the students on rolls with effect from the dates notified by the University.

Appendix I: Norms and Procedures for Challenge Evaluation/Revaluation/Recounting

Revaluation / Recounting:

- The students who wish to apply for Revaluation/Recounting of his/her answer-books(s) must submit his/her application on the prescribed from together with the requisite fee to the Controller of Examinations before expiry of 15 days excluding the date of the declaration of his/her examination result. Application not received in the prescribed form or by the due date or without the requisite fee shall be rejected.
- After Recounting / Revaluation, records are updated with changes if any and the student will be issued a revised memorandum of marks. If there are no changes, the student shall be intimated the same through a notice.
- No Revaluation / Recounting for Laboratory Examination.
- The students are informed to be more careful in furnishing the information while applying for Recounting / Revaluation. The applications with insufficient information will be summarily rejected and the student has to forfeit the amount paid in this connection.

Challenge valuation:

- Applications are invited from the students, who wish to apply for Challenge Valuation in the subjects of the M Pharm Regular and Supplementary examinations.
- The student will apply for Challenge valuation in a specified application and should be routed through the Dean/HOD concerned.
- The students who have applied for the revaluation for a paper(s) of an examination are only eligible for the Challenge Valuation of that paper(s) of that examination.
- A Fee of Rs. 10000/- (Ten Thousand Rupees Only) for each paper is to be paid within the last date for challenge valuation.
- A Xerox copy of the answer script will be provided to the student on receipt of the payment of fee and date and time of the valuation will be informed to the student, so that valuation will be done in the presence of the teacher attended in support of the student nominated by the HOD concerned.

- The HOD concerned will nominate a teacher of the concerned subject to observe the valuation in support of the student. This will be done at the request of the student.
- If the marks obtained in the challenge valuation are more than or equal to 15% of the maximum marks with respect to the original marks obtained in the first valuation, then the marks obtained in the Challenge valuation will be awarded to the student and the University will pay back Rs 9,000 (Nine thousand rupees only) to the student. If the student status changes from fail to pass, an amount of Rs. 5000 will be refunded to the student. Otherwise, there will not be any change in the result of the student and original marks will be retained and the student will forfeit the fee paid.
- No Challenge valuation for Laboratory Examination

APPENDIX II: Rules for Disciplinary Action for Malpractices / Improper Conduct in Examinations

Malpractices identified by squad or special invigilators or invigilators.

Punishments shall be given to the students as per the above guidelines. The case is to be referred to the malpractice committee.

Malpractice committee

1. The Vice Chancellor, Chairman
2. Registrar, Member
3. Dean, Academics, Member
4. Invigilator, Member
5. Subject expert, Member
6. Concerned Dean / Head of the Department, Member
7. Controller of Examinations, Member Secretary

Note:

Whenever the performance of a student is cancelled in any subject/subjects due to Malpractice, he has to register for End Examinations in that subject/subjects consequently and has to fill all the norms required for the award of Degree.

	Nature of Malpractices/Improper conduct	**Punishment**
	If the candidate:	
1.(a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
1(b)	Gives assistance or guidance or receives it from any other candidate orally or by any	Expulsion from the examination hall and cancellation of performance in that subject

	other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred for four consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including Labs and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for four consecutive semesters from class work and all University examinations, if his involvement is established. Otherwise, the candidate is debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection

		with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject only.
6.	Refuses to obey the orders of the Chief Superintendent/Assistant — Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the	In case of student of the University, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. If the candidate physically assaults the invigilator/officer-in-charge of the Examinations, then the candidate is also debarred and forfeits his/her seat. In case of outsiders, they will be handed over to the police and a police case is registered against them.

	examination hall or any part of the University campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	
7.	Leaves the exam hall taking away answer script or intentionally tears of the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If students of the university, who is not a candidate for the particular examination or any person not connected with the University indulges in nay malpractice or improper conduct mentioned in class 6 to 8.	Student of the university expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be

		permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. Person (s) who does not belong to the University will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject only or in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester / year examinations, depending on the recommendation of the committee.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 12 shall be reported to the University for further action to award suitable punishment.	

ANNAMACHARYA UNIVERSITY

(Estd A.P. Private Universities (Establishment and Regulation) Act, 2016)

RAJAMPET-516126, YSR Kadapa District, A.P, INDIA

AU26 COURSE STRUCTURE

M. Pharm., Regular Two-Year Postgraduate Degree Programme

from the Academic Year 2026-27

Table - 1: Course of study for M. Pharm. (Pharmaceutics)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
26OMPH11T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
26OMPH12T	Drug Delivery System	4	4	4	100
26OMPH13T	Modern Pharmaceutics	4	4	4	100
26OMPH14T	Regulatory Affair	4	4	4	100
26OMPH11L	Modern Pharmaceutical Analytical Techniques Practical	6	3	6	75
26OMPH12L	Drug Delivery System Practical	6	3	6	75
26OMPH15C	Seminar/Assignment	7	4	7	100
	Total	35	**26**	35	650
Semester II					
26OMPH21T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
26OMPH22T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100
26OMPH23T	Computer Aided Drug Delivery System	4	4	4	100
26OMPH24T	Cosmetic and Cosmeceuticals	4	4	4	100
26OMPH21L	Molecular Pharmaceutics Practical	6	3	6	75
26OMPH22L	Advanced Biopharmaceutics & Pharmacokinetics Practical	6	3	6	75
26OMPH25C	Seminar/Assignment	7	4	7	100
	Total	35	**26**	35	650

Table -2: Course of study for M. Pharm. III Semester
(Common for All Specializations)

Course Code	Course	Credit Hours	Credit Points
26ORMB31AT	Research Methodology and Biostatistics*	4	4
26OIPR31BT	Intellectual Property Rights*		
26OMPH32J	Journal club	1	1
26OMPH33D	Discussion / Presentation (Proposal Presentation)	2	2
26OMPH34P	Research Work	28	14
Total		35	**21**

Note: * Open Electives and Non-University Examination

Table - 3: Course of study for M. Pharm. IV Semester

(Common for All Specializations)

Course Code	Course	Credit Hours	Credit Points
26OMPH41J	Journal Club	1	1
26OMPH42P	Research Work	31	16
26OMPH43D	Discussion/Final Presentation	3	3
Total		35	**20**

Tables – 4: Schemes for internal assessments and end semester
(Pharmaceutics- MPH)

Course Code	Course	Internal Assessment				End Semester Exams		
		Continuous Mode	Sessional Exams			Marks	Duration	Total Marks
			Marks	Duration	Total			
SEMESTER I								
26OMPH11T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
26OMPH12T	Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
26OMPH13T	Modern Pharmaceutics	10	15	1 Hr	25	75	3 Hrs	100
26OMPH14T	Regulatory Affair	10	15	1 Hr	25	75	3 Hrs	100
26OMPH11L	Modern Pharmaceutical Analytical Techniques Practical	10	15	3 Hrs	25	50	3 Hrs	75
26OMPH12L	Drug Delivery System Practical	10	15	3 Hrs	25	50	3 Hrs	75
26OMPH15C	Seminar/Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
26OMPH21T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	10	15	1 Hr	25	75	3 Hrs	100
26OMPH22T	Advanced Biopharmaceutics & Pharmacokinetics	10	15	1 Hr	25	75	3 Hrs	100
26OMPH23T	Computer Aided Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
26OMPH24T	Cosmetic and Cosmeceuticals	10	15	1 Hr	25	75	3 Hrs	100
26OMPH21L	Molecular Pharmaceutics Practical	10	15	3 Hrs	25	50	3 Hrs	75
26OMPH22L	Advanced Biopharmaceutics & Pharmacokinetics Practical	10	15	3 Hrs	25	50	3 Hrs	75
26OMPH25C	Seminar/Assignment	-	-	-	-	-	-	100
Total								650

Tables – 5: Schemes for internal assessments and end semester examinations

(Semester III & IV)

Course Code	Course	Internal Assessment				End Semester Exams		
		Continuous Mode	Sessional Exams			Marks	Duration	Total Marks
			Marks	Duration	Total			
SEMESTER III								
26ORMB31AT	Research Methodology and Biostatistics*	10	15	1 Hr	25	75	3 Hrs	100
26OIPR31BT	Intellectual Property Rights*	10	15	1 Hr	25	75	3 Hrs	100
26OMPH32J	Journal club	-	-	-	25	-	-	25
26OMPH33D	Discussion / Presentation (Proposal Presentation)	-	-	-	50	-	-	50
26OMPH34P	Research Work	-	-	-	-	350	1 Hr	350
Total								525
SEMESTER IV								
26OMPH41J	Journal Club	-	-	-	25	-	-	25
26OMPH42P	Discussion / Pre Submission Presentation	-	-	-	75	-	-	75
26OMPH43D	Research Work /Colloquium/Final Presentation	-	-	-	-	400	1 Hr	400
Total								500

Note: * Open Electives and Non-University Examination

ANNAMACHARYA UNIVERSITY

(Estd A.P. Private Universities (Establishment and Regulation) Act, 2016)

RAJAMPET-516126, YSR Kadapa District, A.P, INDIA

AU26 PHARMACEUTICS SYLLABUS

M. Pharm., Regular Two-Year Postgraduate Degree Programme

from the Academic Year 2026-27

PROGRAM OUTCOMES

M.PHARM PHARMACEUTICS

PO1: Research & Development Competence

An ability to independently carry out research/investigation and development work.

PO2: Technical Communication Skills

An ability to write and present a substantial technical report/document.

PO3: Advanced Subject Mastery

Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

PO4: Regulatory & Quality Assurance Expertise

Graduates will be able to apply national and international regulatory standards in formulation development, GMP practices, and quality control, ensuring compliance and patient safety.

PO5: Innovation & Translational Research Skills

Graduates will be able to design and translate novel drug delivery systems from laboratory scale to clinical application, fostering innovation, entrepreneurship, and problem-solving in pharmaceutics.

PO6: Professional Ethics & Lifelong Learning

Graduates will demonstrate ethical responsibility, sustainability awareness, and commitment to continuous professional development, adapting to emerging technologies and global health challenges.